RASTA
Center for Road Technology

BRUHAT BANGALORE MAHANAGARA PALIKE

INSPECTION REPORT

Sl No	Item	Description
1	Name of Work	Improvement of drains and asphalting to main roads and cross roads in ward no-8 kodigehalli sub division(Sl.No.3 &7)
2	Estimate Cost	99.00 Lakhs
3	Administrative Approval No and Date	ಸಂ:ಬೃ.ಬೆಂ.ಮ.ಪಾ/ಜಂ.ಆ/ ಯ.ವ/ಆ.ಅ/663/ 2012–13, ದಿ:04/01/2013
4	Technical sanction No. and Date	ಸಂ:ಬೃ.ಬೆಂ.ಮ.ಪಾ/ಜಂ.ಆ/ ಯ.ವ/ತಾಂ.ಮ/75/ 2012–13, ದಿ:05/01/2013
5	Job Code No. and P Code No.	008-12-000085/P-0190
6	Tender Direct Entrested to KRIDL	KRIDL
7	If Tender, Tender Notification No. Date and Publication in daily news Paper	-
8	Tender Approved Details	-
9	Work Order No and Date	No:EE/BTP/KRIDL/WO/260/12-13, DT:21/01/2013
10	Stipulation time of Completion	90 days
11	Actual Date of Commencement	26-3-2013
12	Actual Date of Completion	29-6-2013
13	Delay if any	-

14	**Reason for Delay**	-
15	**Payment made till date.**	-
16	**BR NO. and Date**	70/31-5-2013 109/29-6-2013
17	**Status of Work**	Completed
18	**Photograph verfied**	Yes
19	**Date of Inspection**	28.05.15
20	**MB No. and Page No.**	
21	**Test Result**	Please Refer Anncxure -1
22	**Section officer**	Dayanand H S AE Neelakantaiah K P AEE
23	**Sub Division Officer**	Kodigehalli Sub Division
24	**Observation**	Please Refer Anncxure -1
a	**Work Quality**	Satisfactory
b	**Comments**	During inspection it was found that the pavement has undergone distress and edge failures at some locations.The thickness of WMM is 145mm and SDBC has an average thickness of 23mm. This deficiency could be attributed to the wear and tear, settlement, whip off, over a period of about 2 years which the pavement has already served. A permissble 5-10 % wear and 10% whip off can be acceptable for a pavement which has served for about 2 years. The work has been carried out with good quality according to specifications. The works stands completed as on date and is found satisfactory the Bill may be considered for clearance.

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Date / 18 /06 /15

Improvement of drains and asphalting to main roads and cross roads in ward no-8 Kodigehalli sub division (Sl.No.3 &7)

Client: - BBMP, Bytarayanapura
Sample: - Semi Dense Bituminous Core (406)
Location: House No 5, RHS Kerb side

Annexure – 1 Test Results

Check for **Semi Dense Bituminous Core**, obtained from field – Binder Content & Aggregate Gradation

Table 1

Chain age	Sieve size mm	Obtained Gradation %Passing	Desired Gradation **SDBC** Grade II % Passing	Remarks
House No 5, RHS Kerb side	19	100	-	As the mix design has not been followed, the degradation of materials is observed.
	13.2	98.22	100	
	9.5	86.76	90-100	
	4.75	42.01	35-51	
	2.36	22.69	24-39	
	1.18	15.02	15-30	
	0.6	9.50	-	
	0.3	6.48	9-19	
	0.15	4.58	-	
	0.075	3.04	3-8	

Check for Binder Content in **SDBC** Core {Grade II} {House No 5, RHS Kerb side} –
By Bitumen Extraction Test
Total weight of Semi Dense bituminous (Core) mix taken-500g

Table 2

Binder Content	Binder Content for SDBC Grade II as per MoRTH specification	Remarks
4.36 %	Requirement Min 5.0%	Deficiency due to evaporation of volatiles and ageing

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ANNEXURE 2- INSPECTION REPORT - OBSERVATIONS

Name of the Work: Improvement of drains and asphalting to main roads and cross roads in ward no-8 Kodigehalli Sub division					
Sl No	**Item**	**Measurements and Qty as per Claims (MB & Bills)**	**Measurements and Qty as per Actuals**	**Deviation**	**% Deviation**
1	Length of stretch	2.4km	2.4km	NIL	NIL
2	Average Width,m	4.5m - 6m	4.5m - 6m	NIL	NIL
3	Providing & Laying thickness of	150mm thickness	145mm thickness	5mm	3.33%
4	Providing & Laying SDBC	25mm	23mm	3mm	12%

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